

Abstract of the Disclosure

The invention relates to a method of securing computer systems involving the logical containment of data. More specifically, the invention relates to a method of securing computer systems, which offers the possibility of executing codes that manipulate data which must be processed separately. The inventive method essentially involves the use of the following: (i) a memory manager for managing memory allocation units which can be typically a fixed-size page or a variable-size block, and (ii) memory allocation owners and requesters which can be typically user applications of the operating system of the computer system or the actual operating system. The system involves the separation of the aforementioned data by the owner and the encryption of same with a dedicated key.